



PATENT ABSTRACTS OF JAPAN

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G08B 21/00(21) Application number: **60262477**
(22) Date of filing: **25.11.1985**(71) Applicant: **PIONEER ELECTRONIC CORP**
(72) Inventor: **SAKAGUCHI SHOZABURO****(54) REAR MONITORING APPARATUS FOR VEHICLE**

backing.

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(57) Abstract:

PURPOSE: To ensure a good rear view by providing a vertically deflecting device to a television camera for displaying the lower rear direction of a vehicle such as a bus, a large truck, etc.

CONSTITUTION: A television camera 11 is supported by a deflecting device 12 functionable through a motor to enable vertical swing. Upon turning a switch SW₃ ON, a control signal circuit 15 is brought into high level and the deflecting device 12 will deflect the television camera 11 lower rearward while deflect horizontally rearward upon turning OFF. SW₃ will detect the shift of gear to the back position and function. Consequently, the horizontal rearward direction is displayed on a monitor television 13 except in case of backing while the lower rearward direction can be displayed when backing resulting in improvement of safety when

